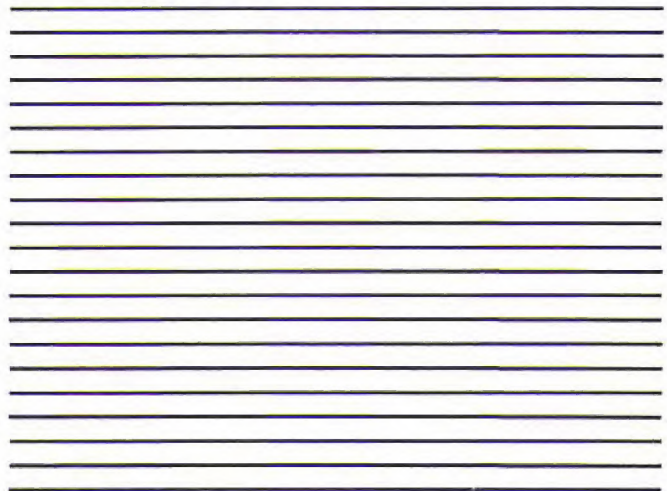
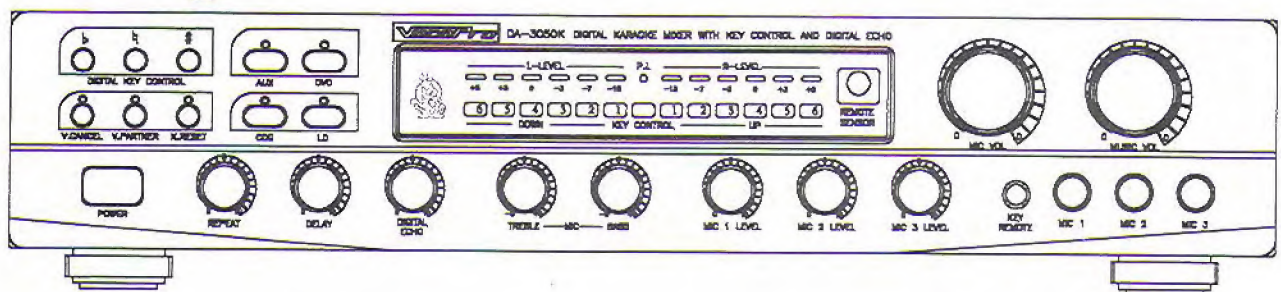


# VocoPro

DIGITAL KARAOKE MIXING SYSTEM



## INSTRUCTION MANUAL

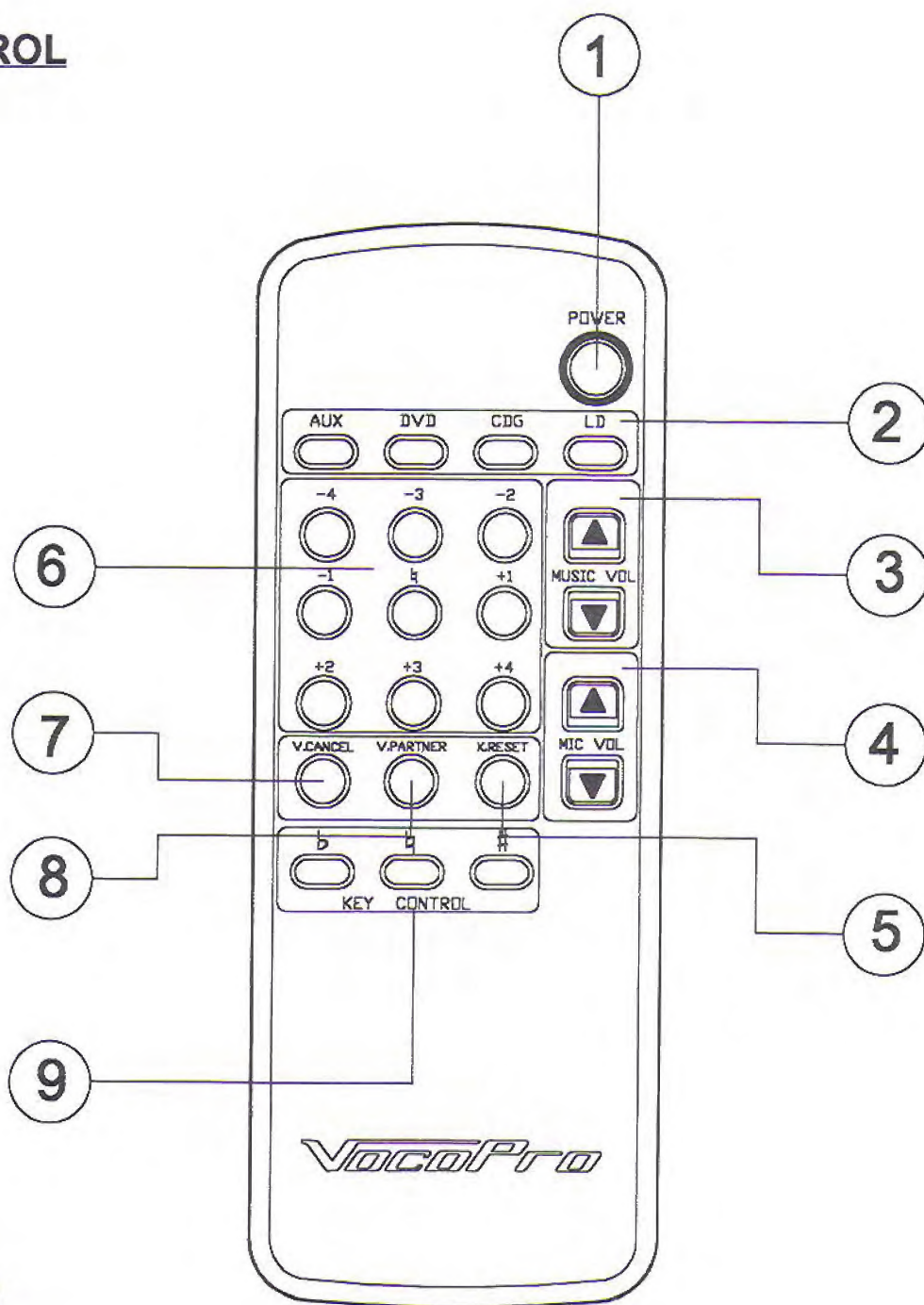


DA-3050K

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- FRONT PANEL.....2,3
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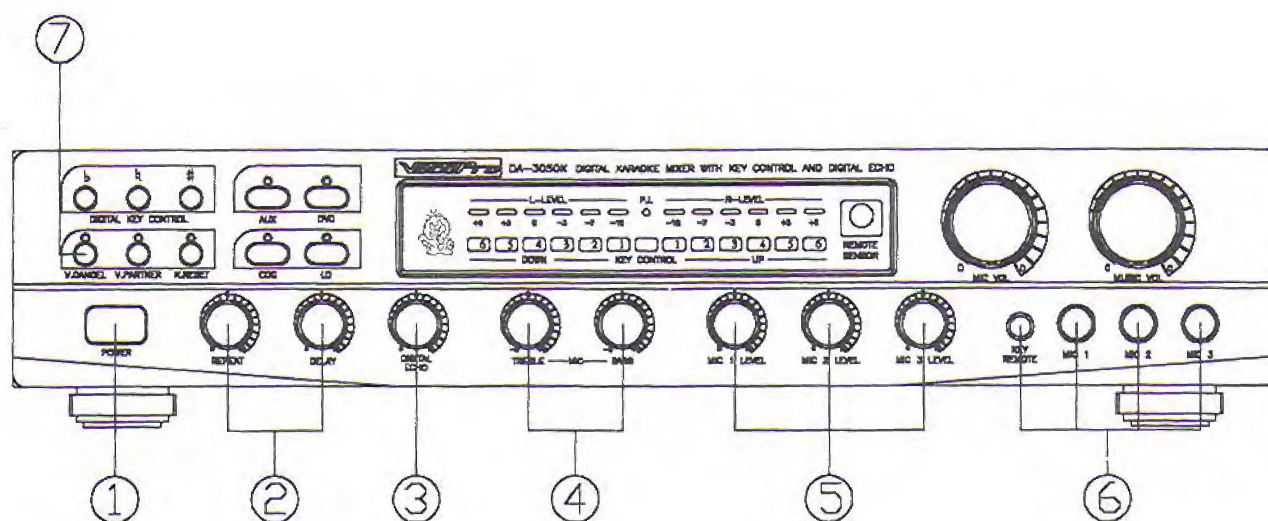
## REMOTE CONTROL



1. POWER SWITCH
2. INPUT SELECTOR
3. MUSIC VOLUME CONTROL
4. MIC. VOLUME CONTROL
5. AUTO KEY RESET
6. DIRECT ACCESS DIGITAL KEY CONTROL
7. VOCAL CANCEL
8. VOCAL PARTNER
9. DIGITAL KEY CONTROL



## FRONT PANEL :



### 1. POWER SWITCH

PRESSING THIS SWITCH TURNS ON THE POWER.  
PRESSING THIS SWITCH AGAIN TURNS OFF THE POWER

### 2. DIGITAL ECHO REPEAT AND DELAY CONTROL

CONTROL THE ECHO CHARACTERISTICS OF MIC. 1,2,3.

DELAY: ADJUSTS THE TIMING OF THE ECHO.

REPEAT: ADJUSTS THE REPETITION INTERVAL OF THE ECHO.

### 3. DIGITAL ECHO CONTROL

CONTROLS THE DIGITAL ECHO LEVELS FOR MIC. 1,2,3 SIMULTANEOUSLY.

### 4. MIC. BASS AND TREBLE CONTROL

ADJUSTS THE TONE (BASS/TREBLE) OF THE MIC.

### 5. MIC.1 ~ MIC.3 VOLUME CONTROL

TO ADJUST THE RESPECTIVE MIC. LEVEL INDEPENDENTLY.

### 6. MIC AND KEY CONTROLLER JACKS

THREE MIC. CAN OPERATE

SIMULTANEOUSLY.

WHEN USING A MIC. WITH KEY CONTROL SWITCH, CONNECT THE MIC CABLE TO MIC. 1,2, 3 JACK, AND CONNECT THE KEY CONTROL CABLE TO THE KEY CONTROL JACK.

### PLEASE NOTE:

A. WHEN CONNECTING THE MIC. KEEP THE VOLUME AT A LOWER LEVEL TO PROTECT THE SPEAKER AND AMP.

B. THE SET POSITION OF THE KEY CONTROL MIGHT CHANGE WHEN THE CONTROL PLUG IS CONNECTED TO OR REMOVED FROM THE KEY CONTROLLER JACK. IN SUCH A CASE, RESET TO THE DESIRED POSITION.

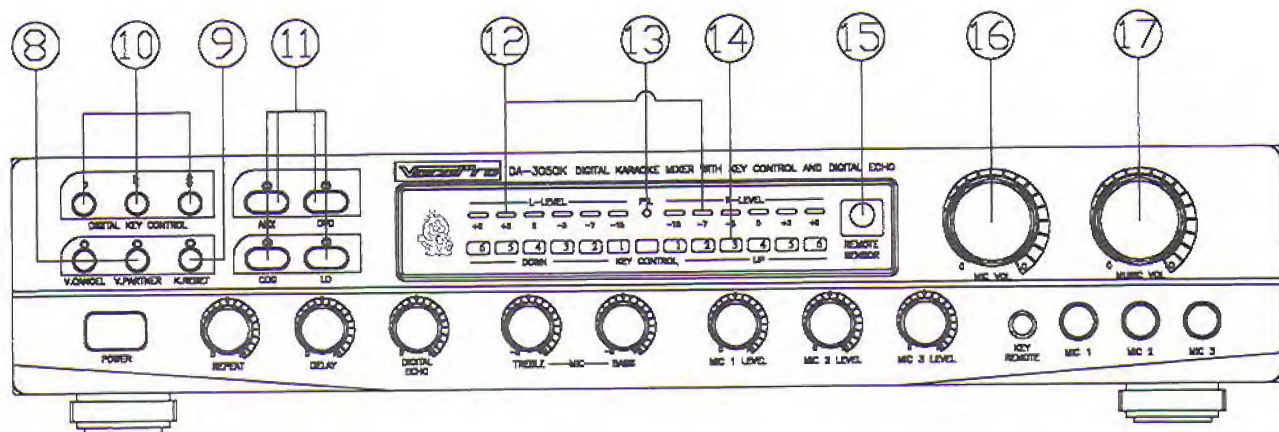
### 7. VOCAL CANCEL

USE THIS MODE TO CANCEL THE LEAD VOCAL ON KARAOKE MULTIPLEX DISC OR TAPE.

**PLEASE NOTE:** THIS FEATURE MAY NOT WORK ON SOME DVD OR LD KARAOKE DISC. IN THIS CASE, USE THE AUDIO CONTROL ON THE DVD OR LD PLAYER TO CANCEL THE VOCAL.



## FRONT PANEL :



### **8.VOCAL PARTNER**

USE THIS MODE FOR SINGING RELAY WITH THE VOCALIST ON KARAOKE MULTIPLEX DISC OR TAPE.

THE VOCAL ON THE KARAOKE DISC OR TAPE WILL ONLY BE CANCELLED WHEN SINGING INTO THE MIC.

**PLEASE NOTE:** THIS FEATURE MAY NOT WORK ON SOME DVD OR LD KARAOKE DISC.

### **9.KEY CONTROL AUTO RESET**

USE THIS MODE TO RESET KEY CONTROL BACK TO STANDARD PITCH AFTER EACH SONG.

### **10.KEY CONTROL BUTTONS**

PRESS TO CHANGE THE PITCH OF THE MUSIC SOURCE DIGITALLY.

**CENTER:** RESET TO THE STANDARD PITCH.

**UP #1~#6:** RAISE THE MUSIC TO A MAXIMUM OF SIX 1/2 TONES ABOVE THE STANDARD KEY.

**DOWN b1~b6:** DECREASES THE MUSIC TO A MAXIMUM OF SIX 1/2 TONES BELOW THE STANDARD KEY.

### **11.INPUT SELECTOR/INDICATORS**

SELECT AND DISPLAYS THE INPUT SOURCE SIGNALS YOU WISH TO PLAY.

### **12.LEFT/RIGHT CHANNEL LEVEL INDICATOR**

DISPLAY THE INPUT LEVEL OF THE MUSIC BEEN PLAYED.

### **13.POWER INDICATOR LIGHT**

DISPLAYS THE UNIT IS TURN ON OR OFF.

### **14.KEY CONTROL INDICATOR**

DISPLAYS THE KEY OF THE UNIT IS BEEN SET AT.

### **15.REMOTE SENSOR**

### **16.MIC. MASTER VOLUME**

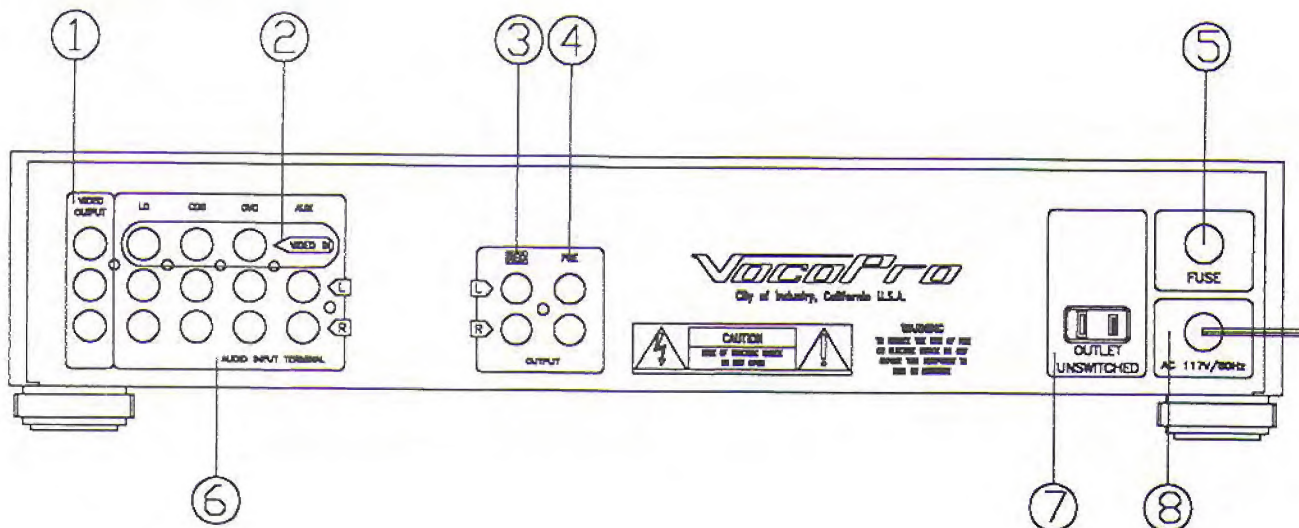
CONTROLS THE OVERALL VOLUME OF THE MIC. 1,2 AND 3.

### **17.MUSIC VOLUME CONTROL**

CONTROLS THE MUSIC VOLUME OF THE INPUT SOURCE BEEN SELECTED (DVD PLAYER, CDG PLAYER, LD PLAYER OR TAPE PLAYER).



## REAR PANEL :



### **1. VIDEO OUTPUT JACKS**

CONNECT TO THE VIDEO INPUT JACK OF A TV MONITOR UP TO THREE TV MONITOR CAN BE CONNECTED AND DISPLAYED SIMULTANEOUSLY.

### **2. VIDEO INPUT JACKS**

DVD : CONNECT TO THE VIDEO OUTPUT JACKS OF A DVD PLAYER.

CDG : CONNECT TO THE VIDEO OUTPUT JACKS OF A CDG PLAYER.

LD : CONNECT TO THE VIDEO OUTPUT JACKS OF A LASER DISC PLAYER.

### **3. RECORD OUTPUT JACKS**

CONNECT TO THE AUDIO INPUT JACKS OF A RECORDING DEVICE (TAPE PLAYER, MD PLAYER...).

NOTE: USE RECORD OUT TO RECORD MUSIC.

USE PRE OUT TO RECORD MUSIC AND VOCAL.

### **4. AUDIO PRE OUT JACKS**

CONNECT TO THE AUDIO INPUT JACKS OF A POWER AMPLIFIER OR A RECEIVER.

### **5. FUSE HOLDER**

### **6. AUDIO INPUT JACKS**

CONNECT TO THE AUDIO OUTPUT JACKS OF THE SOURCE PLAYER. (DVD PLAYER, LASER DISC PLAYER, CDG PLAYER, TAPE PLAYER. )

### **7.AC OUTLETS (UNSWITCHED)**

### **8.POWER CORD**



## **TROUBLE SHOOTING**

INCORRECT OPERATIONS ARE OFTEN MISTAKEN FOR TROUBLE AND MALFUNCTIONS. IF YOU THINK THAT THERE IS SOMETHING WRONG WITH THIS COMPONENT, CHECK THE POINTS BELOW. SOMETIMES THE TROUBLE MAY LIE IN ANOTHER COMPONENT. INVESTIGATE THE OTHER COMPONENTS AND ELECTRICAL APPLIANCES BEING USED. IF THE TROUBLE CANNOT BE RECTIFIED EVEN AFTER EXERCISING THE CHECKS LISTED BELOW, CONTACT YOUR DEALER OR VOCOPRO TO CARRY OUT REPAIR WORK.

SYMPTOM	CAUSE	REMEDY
NO SOUND COMING FROM OF SPEAKER/S	<ul style="list-style-type: none"> <li>● POWER CORD IS UNPLUGGED</li> <li>● NO INPUT IS COMING FROM THE INPUT SELECTOR OR THE INPUT IS SWITCHED INCORRECTORY BETWEEN THE MIXER AND THE AMP.</li> </ul>	<ul style="list-style-type: none"> <li>● PLUG CORD INTO A WALL OUTLET.</li> <li>● SELECT THE CORRECT INPUT FOR THE SPECIFIC UNIT THAT YOU WANT TO PLAY.</li> </ul>
MICROPHONE IS NOT WORKING	<ul style="list-style-type: none"> <li>● MICROPHONE IS UNPLUGGED.</li> <li>● MICROPHONE VOLUME IS SET AT A MINIMUM LEVEL.</li> <li>● INPUT OF THE AMP. IS NOT SET CORRECTLY.</li> </ul>	<ul style="list-style-type: none"> <li>● PLUG THE MICROPHONE COMPLETELY INTO THE TERMINAL.</li> <li>● ADJUST LEVELS BY USING THE MICROPHONE VOLUME CONTROL.</li> <li>● SELECT THE CORRECT INPUT ON THE AMP. OR RECEIVER.</li> </ul>
REMOTE CONTROL DOES NOT WORK	<ul style="list-style-type: none"> <li>● THERE ARE NO BATTERIES IN THE REMOTE OR THE REMAINING SERVICE LIFE IS LOW.</li> <li>● A FLUORESCENT LAMP IS NEAR THE REMOTE CONTROL SENSOR.</li> <li>● THE DISTANCE TO THE AMPLIFIER IS TOO FAR, OR THE REMOTE CONTROL IS POINTED AT AN IMPROPER ANGLE.</li> <li>● AN OBSTACLE EXISTS BETWEEN THE REMOTE CONTROL AND THE AMPLIFIER.</li> </ul>	<ul style="list-style-type: none"> <li>● INSERT NEW BATTERIES</li> <li>● MOVE THE FLUORESCENT LAMP AWAY FROM THE AMPLIFIER.</li> <li>● USE THE REMOTE CONTROL UNIT WITHIN A RANGE OF APPROXIMATELY 23FEET(7M) AND AT AN ANGLE OF APPROXIMATELY 30DEGREES OR LESS.</li> <li>● USE THE REMOTE CONTROL UNIT FROM A DIFFERENT ANGLE, OR REMOVE THE OBSTACLE.</li> </ul>

## **SPECIFICATIONS**

### **AUDIO INPUT (AT 1KHZ)**

MICROPHONE..... 2.5MV/10K $\Omega$   
AUX/DVD/CDG/LD..... 150MV/50K $\Omega$

AUDIO OUTPUT.....>300MV

### **VIDEO**

DVD/CDG/LD..... 1V P-P/75 $\Omega$

### **FREQUENCY RESPONSE**

DVD/CDG/LD..... 10HZ – 20KZ  $\pm$ 3db

### **TONE CONTROL (MIC.)**

BASS.....  $\pm$ 4db ( 100HZ )  $\pm$ 2db

TREBLE.....  $\pm$ 6db ( 10KHZ )  $\pm$ 2db

ECHO DELAY TIME..... 100 MSEC – 200 MSEC

KEY CONTROL RANGE.....+6/-6 MUSIC INTERVALS (13 POSITIONS)

SIGNAL TO NOISE RATIO.....MORE THAN 80db

### **POWER SUPPLY, OTHERS**

POWER REQUIREMENTS..... AC 117V, 60HZ

POWER CONSUMPTIONS.....7 WATT

### **AC OUTLETS**

UNSWITCHED..... 1 (TOTAL 250W)

DIMENSIONS : ( W x D x H ) : 430 x325 x90 (m/m)

### **ACCESSORIES**

AUDIO CORDS..... 2

OPERATING INSTRUCTIONS..... 1

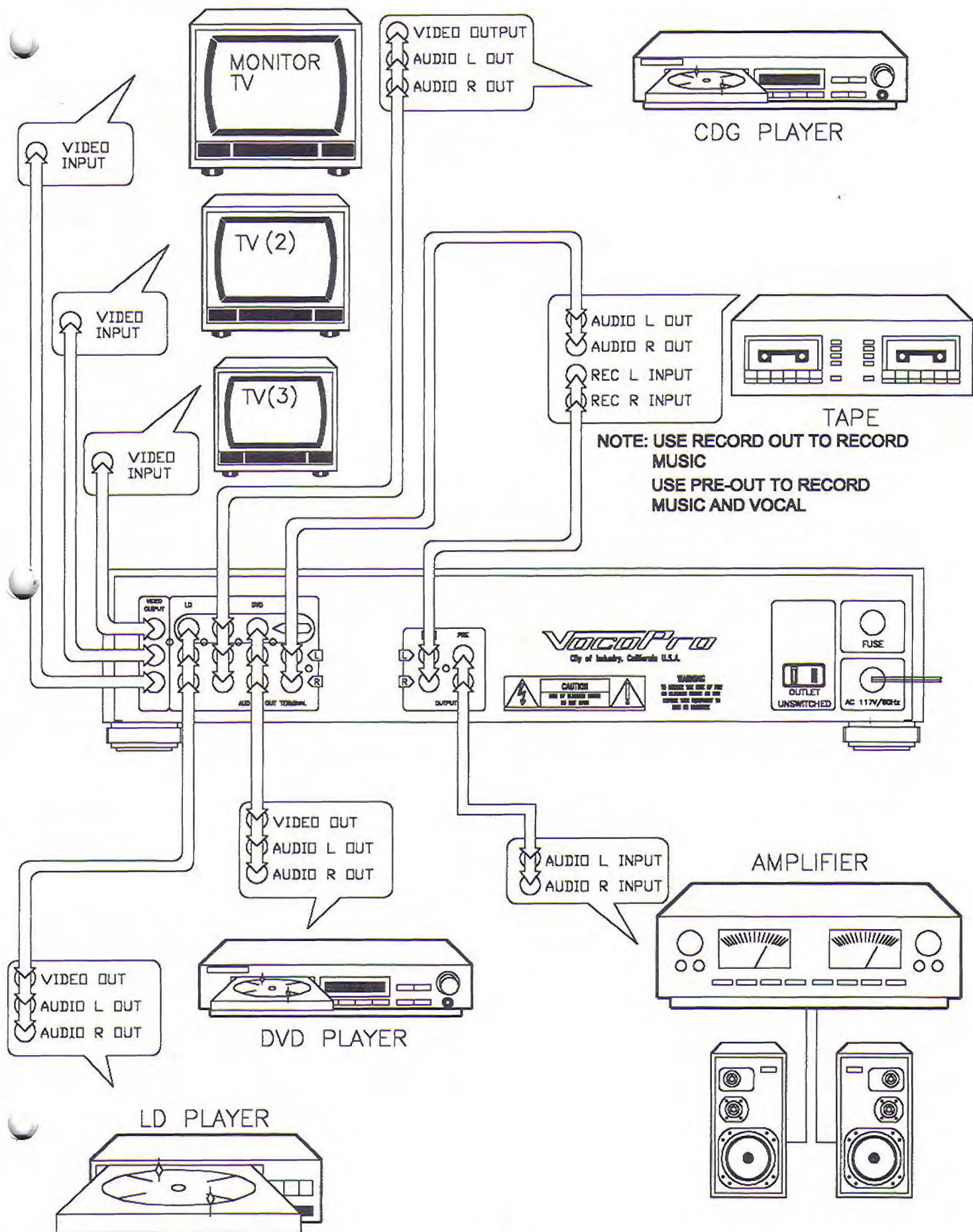
REMOTE CONTROL UNIT..... 1

BATTERIES.....2

WARRANTY CARD..... 1



## CONNECTIONS





# IMPORTANT SAFEGUARDS

Please read all of the safety and operating instructions before operating this unit. For best result, follow all warnings placed on the unit and adhere to the operating and use instructions. THESE safety and operating instructions should be retained for future reference.

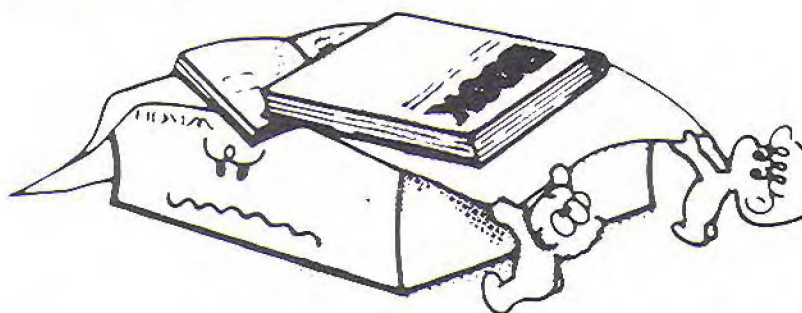
1. **Power source** — The unit should be connected to a power supply only of the type described in the operating instructions or as marked on the appliance.
2. **Power-cord protection** — Power-supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, pay particular attention to cords at plugs, convenience receptacles, and the point where they exit from the unit.

**Never pull or stretch the cord**

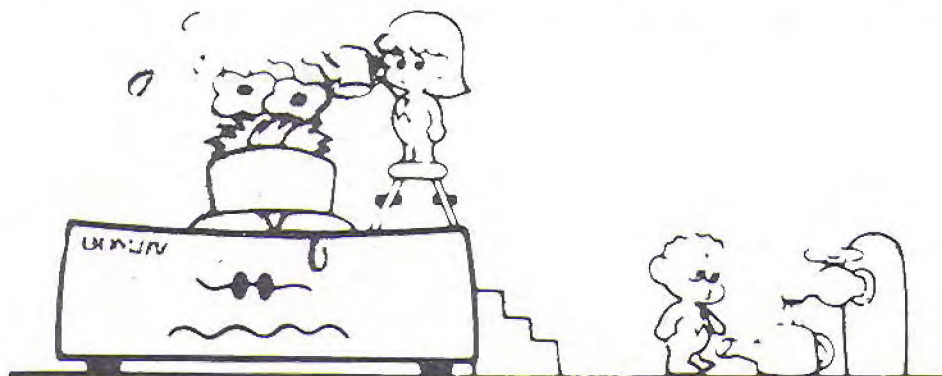


3. **Ventilation** — The unit should be situated so that its location or position does not interfere with its proper ventilation.

To maintain good ventilation, do not put records or a table-cloth on the unit. Place the unit at least 10 cm away from the walls.



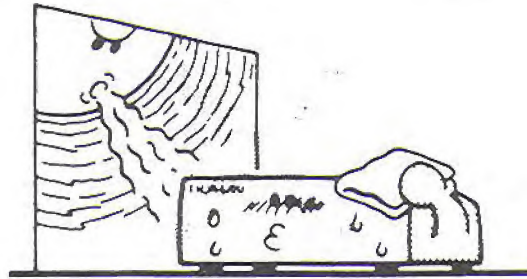
4. **Water and moisture** — The unit should not be used near water — for example, near a bathtub, washbowl, kitchen sink, laundry tub, in a wet basement, or near a swimming pool, etc.



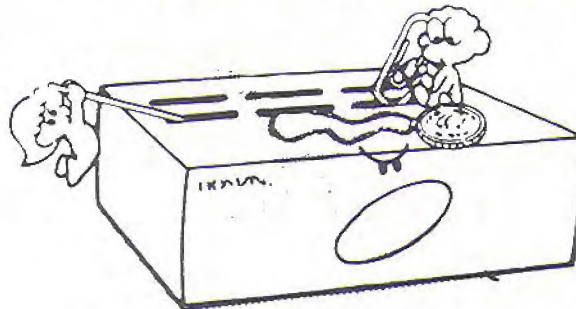
5. **Temperature** — The unit may not function properly if used at extremely low, or freezing temperatures. The ideal ambient temperature is above +5°C (41°F).



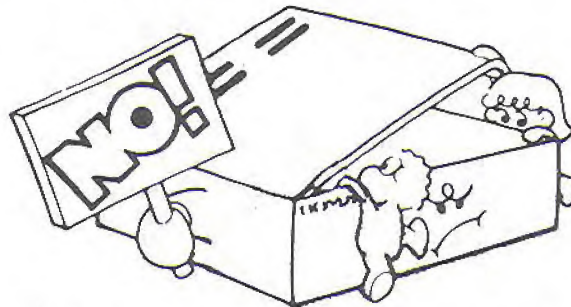
**6.Heat** — The unit should be situated away from heat sources such as radiators, heat registers, stoves, or other units(including amplifiers) that produce heat.



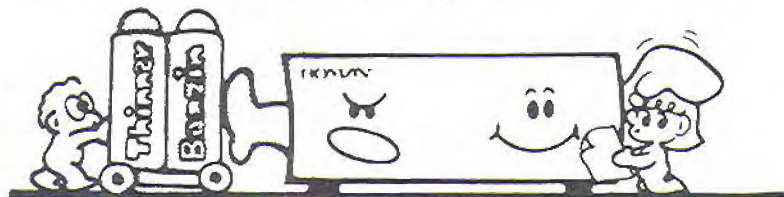
**7.Electric shock** — If a metal object, such as a hair pin or a needle, comes into contact with the inside of this unit, a dangerous electric shock may result. For families with children, never permit children to put anything, especially metal, inside this unit.



**8.Enclosure removal** — Never remove the enclosure. If the internal parts are touched accidentally, a serious electric shock might occur.



**9.Cleaning** — Do not use volatile solvents such as alcohol, paint thinner, gasoline, or benzine, etc. to clean the cabinet. Use a clean dry cloth.



**10.Abnormal smell** — If an abnormal smell or smoke is detected, immediately turn the power OFF and pull out the power cord. Contact your dealer or nearest service station.

**POWER OFF!**

